



Appl. No. 2004/822,573
Amdt. dated November 21, 2005
Reply to Office Action of September 20, 2005

PATENT

Amendments to the Specification:

Please replace the paragraph at line 22 with the following amended paragraph:

Referring now to Fig. 12, use of aperture plate 10 to aerosolize a volume of liquid 76 will be described. Conveniently, aperture plate 10 is coupled to a cupped shaped member 78 having a central opening 80. Aperture plate 10 is placed over opening 80, with rear surface 18 being adjacent liquid 76. A piezoelectric transducer 82 is coupled to cupped shaped member 78. An interface 84 may also be provided as a convenient way to couple the aerosol generator to other components of a device. In operation, electrical current is applied to transducer 82 to vibrate aperture plate 10. Liquid 76 may be held to rear surface 18 of aperture plate 10 by surface tension forces. As aperture plate 10 is vibrated, liquid droplets are ejected from the front surface as shown. As also shown in Fig. 12, cup shaped member 78 has a base portion 79 and a walled portion 81. The cross sectional length L1 of base portion 79 is greater than the cross sectional width W1 of base portion 70. Also, the cross sectional length L2 of piezoelectric transducer 82 is greater than the cross sectional width W2 of piezoelectric transducer 82. As further shown, length L1 is parallel to length L2.